

ABSTRACT

A preferred embodiment of a modular electrical connector includes a plug having a printed circuit board, a contact finger positioned on a portion of the printed circuit board, and a housing for supporting and constraining the printed circuit board so that the portion of the printed circuit board extends from the housing. The printed circuit board has a flexible portion that permits the portion of the printed circuit board to translate in relation to the housing. The modular electrical connector also includes a receptacle for mating with the plug and having a first contact for electrically contacting the contact finger when the plug and the receptacle are mated, and a housing having a slot formed therein for receiving the portion of the printed circuit board when the plug and the receptacle are mated.